

Converting Colors

HunterLab(51.6974, -1.6544,
-14.6872)

Have a look what the booklet for
HunterLab(51.6974, -1.6544,
-14.6872) contains.

HunterLab(51.6974, -1.6544, -14.6872)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(51.6974, -1.6544,
-14.6872)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8EAF
RGB	124, 142, 175
RGB Percent	49%, 56%, 69%
CMY	0.5137, 0.4431, 0.3137
CMYK	0.29, 0.19, 0.00, 0.31
HSL	219°, 24%, 59%
HSV	219°, 29%, 69%
XYZ	25.7230, 26.7262, 44.3603
YIQ	140.3800, -21.3210, 6.4470

Conversions

Conversions Part 2

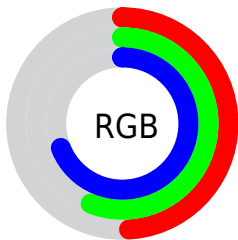
Format	Color
RYB	124, 137, 175
Decimal	8162991
CIELab	58.72, 1.35, -19.44
CIElCh	59, 19.484, 273.968
Yxy	26.7273, 0.2657, 0.2761
Android (android.graphics.Color)	4286353071 (0xFF7C8EAF)
YUV	140.3800, 17.0677, -14.3653
Hunter-Lab	51.6974, -1.6544, -14.6872

Details

The HunterLab color $51.6974, -1.6544, -14.6872$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $58.8926, -1.9055, 17.0578$, and the grayscale version is $51.3032, -2.7374, 2.7874$.

A 20% lighter version of the original color is $73.9692, -2.6972, -15.0660$, and $32.4273, -0.7985, -13.6976$ is the 20% darker color. If you saturate the color by 10%, you get $47.2619, -0.3169, -21.7628$, and if you desaturate by 10%, it is $56.2951, -2.5913, -8.0721$.

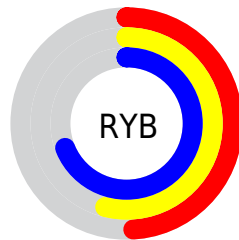
Distribution



Red (49%)

Green (56%)

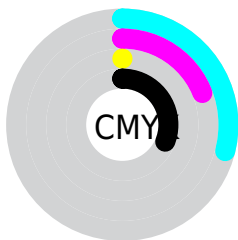
Blue (69%)



Red (49%)

Yellow (54%)

Blue (69%)

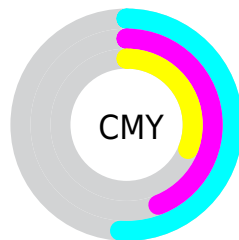


Cyan (29%)

Magenta (19%)

Yellow (0%)

Black (31%)



Cyan (51%)

Magenta (44%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6974, -1.6544, -14.6872 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 51.6974, -1.6544, -14.6872 by changing the saturation by 10% instead.

■ 51.6974, -1.6544,
-14.6872

■ 51.6974, -1.6544,
-14.6872

■ 169.2141, -7.3991,
-14.7886

■ 41.6755, -1.1957,
-14.3819

■ 73.7875, -2.6966,
-15.0966

■ 32.4000, -0.7824,
-14.0102

■ 85.7756, -3.2733,
-15.2090

■ 23.9376, -0.4203,
-13.5775

■ 98.3507, -3.8843,
-15.2643

■ 16.3758, -0.1169,
-13.1117

■ 111.4866, -4.5278,
-15.2657

■ 9.8381, 0.1162,
-12.7184

■ 125.1602, -5.2023,
-15.2162

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 139.3511, -5.9064,

-15.1185

0.0000, NaN, NaN

154.0413, -6.6391,
-14.9753

0.0000, NaN, NaN

■ 51.6974, -1.6544,
-14.6872

■ 51.6974, -1.6544,
-14.6872

■ 47.2619, -0.3169,
-21.7628

■ 56.2951, -2.5913,
-8.0721

■ 43.0090, 1.5033,
-29.3827

■ 61.0330, -3.1920,
-1.8473

■ 38.9692, 3.8995,
-37.6263

■ 65.8968, -3.5111,
4.0523

■ 35.1787, 6.9748,
-46.5571

■ 70.8739, -3.5922,
9.6803

■ 31.6819, 10.8265,
-56.1890

■ 75.9540, -3.4709,
15.0821

■ 28.5301, 15.5130,
-66.4338

■ 81.1285, -3.1760,
20.2950

■ 25.7511, 20.9252,
-77.1476

■ 86.3899, -2.7308,
25.3501

■ 25.5251, 21.4021,
-78.1051

■ 90.7746, -5.4747,
29.3484

■ 94.3417, -11.2695,
32.4466

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.6984, -9.5635, -12.7253



51.6974, -1.6544, -14.6872



51.6984, 6.4369, -11.3856

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.6984, -1.6550, -14.6862



51.6984, 11.1140, 10.5800



51.6984, -16.3013, 9.0284

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51.6974, -1.6544, -14.6872



58.8926, -1.9055, 17.0578

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.6984, -11.3582, 13.8633



51.6974, -1.6544, -14.6872



51.6984, 4.4119, 14.6553

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.6984, -1.6550, -14.6862



51.6984, 14.0966, 3.8511



51.6984, -3.8583, 15.7559



51.6984, -17.7024, 1.7551

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.6974, -1.6544, -14.6872



51.6984, 10.7519, -6.9093



51.6984, -3.8583, 15.7559



51.6984, -15.0148, 10.9526

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51.6984, -1.6550, -14.6862



81.6694, -4.2709, -2.4831



61.1196, -20.3110, 6.6651



38.0695, -1.9708, -1.7196



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.6984, -1.6550, -14.6862



65.3226, -1.1253, -25.6970



47.2446, 9.0391, -21.6282



28.6399, -1.4964, -0.9121



21.8453, 17.4908, -65.0623



4.8735, 0.3379, -6.8209

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.4807, 16.9257, 1.3439



63.6148, 28.8861, 1.6382



63.6101, -12.6542, 21.2003



28.3907, 1.3541, 1.2238



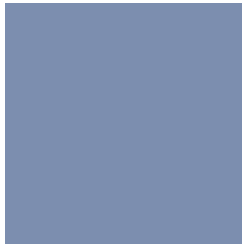
26.0476, 45.5978, 9.1537



4.4645, 8.0433, -0.1973

Previews

White Background



This preview shows how the HunterLab color 51.6974, -1.6544, -14.6872 looks on a white background.

Color Contrast Check

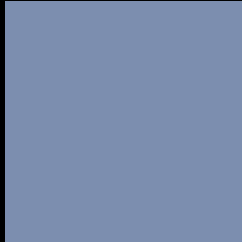
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 51.6974, -1.6544, -14.6872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.6974, -1.6544, -14.6872 Background



This preview shows how black text looks on a background with the HunterLab color 51.6974, -1.6544, -14.6872.



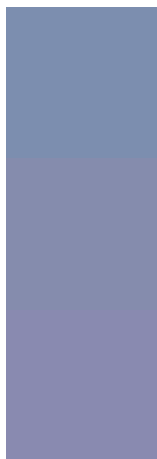
This preview shows how white text looks on a background with the HunterLab color 51.6974, -1.6544,

-14.6872.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51.6974, -1.6544, -14.6872

Protanopia

51.7299, 1.2375, -13.4156

Deuteranopia

51.6042, 3.9216, -15.3249



Tritanopia

51.6509, -7.5966, -4.9219

Trichromacy



Original Color

51.6974, -1.6544, -14.6872

Protanomaly

51.8185, 0.1575, -13.8852

Deuteranomaly

51.4834, 2.0774, -15.5424

Tritanomaly

51.6641, -5.5597, -8.5683

Monochromacy



Original Color

51.6974, -1.6544, -14.6872

Achromatopsia

51.2104, -2.7325, 2.7824

Achromatomaly

51.3984, -2.7569, -3.1409

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6974, -1.6544, -14.6872 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(124, 142, 175)` looks like.

```
.text, #text, p{  
    color:rgb(124, 142, 175)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(124, 142, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 142, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6974, -1.6544, -14.6872 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(124, 142, 175) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(124, 142, 175) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(124, 142, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 142, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 142, 175); box-shadow:4px 4px 4px 4px rgb(124, 142, 175) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6974, -1.6544, -14.6872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 142, 175) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(124,  
142, 175) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor